BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

ESTIMATE No: BESCOM /2023-24/SE0078 Dated: 08.12.2023

SECTION – I

INVITATION FOR BIDDERS
(IFB)

Comprehensive Annual maintenance contract of 120 KVA NBS installed at BICC1 and BICC2 Control Center's (HSR & Rajajinagar) DAS,BESCOM, Bangalore for a period of One Year .

Contents

1. BRIEF DESCRIPTION 7

2. NOTICE INVITING TENDER (NIT) 7

3. PREAMBLE 8

4. SCOPE OF WORK 8

5. PERIOD OF CONTRACT 9

6. COST OF BIDDING 9

7. QUALIFYING REQUIREMENTS 9

8. ISSUE OF BID DOCUMENTS 13

9. SUBMISSION OF BID DOCUMENTS 13

10. TENDER PROCESSING FEE: 13

11. EARNEST MONEY DEPOSIT (BID GUARANTEE): 14

12. EMD FORFEITURE 14

Section – I

INVITATION FOR BIDDERS

1. BRIEF DESCRIPTION

The General Manager (DAS) on behalf of Bangalore Electricity Supply Company Limited (BESCOM) invites tender for **"Comprehensive Annual maintenance contract of 120 KVA NBS installed at BICC1 and BICC2 Control Center's (HSR & Rajajinagar) DAS, Bangalore".**

2. Notice Inviting Tender (NIT)

1. Tender Estimate No.	**BESCOM/2023-24/SE0078 dated:08.12.2023**
2. Name of the works	**Comprehensive annual maintenance of 120 KVA NBS installed at BICC1 and BICC2 control centers (HSR Layout & Rajajinagara), Bangalore".**
3. Details of existing 120kVA NBS	**120kVA UPS details:** 1) Make: ABB India Ltd(OEM) 2) Model: Power Wave 33 S3 series 3) No of units: 4 Nos (A1, A2, B1 & B2) each at both control centers **Battery details:** 1) 12V, 150AH VRLA Batteries for PW 33 120kVA UPS system 2) Make: FN00-NXTPLUS150- EXIDE 3) No of Batteries: 384 Nos each at both control centers
4. Approx. Amount Put to tender	Rs. 18,64,400/- (Rupees Eighteen lakhs sixty four thousand four hundred only)
5. Tender processing fee	Refer e-procurement website www.kppp.karnataka.gov.in
6. Earnest Money Deposit	Rs. 46610/- (Rupees Forty six Thousand Six Hundred ten Only)
7. Validity of Tender	180 days
8. Type of Tender	Two cover system
Tender Schedule	
9. Date of availability of Bids in e-proc portal	**19.12.2023, 16:00 Hours onwards**
10. Last date to submit bid queries	**26.12.2023 up to 11:00 Hours**
11. Last date and time for submission of Bids	**03.01.2024 up to 16:00 Hours**
12. a) Date and Time of opening of Technical bid b) Date and Time of opening of Price Bid	a) **05.01.2024,16:00 Hours onwards** b) Will be opened after the Completion of Technical Evaluation.
13. General Terms and Conditions	Refer bid documents

14. Scope of work	Refer bid documents

3. PREAMBLE

Bangalore Electricity Supply Company Limited (BESCOM) has established Distribution Automation System for 11kV distribution network in Bengaluru city. The 120 KVA NBS (No Break supply) installed at BICC1 HSR Layout and BICC2 Rajajinagar are provided by M/S Efacec. The NBS units provides uninterrupted power supply to DAS server, communication server, PAC (precision air conditioning)units and VPS(VIDEO PROJECTION SYSTEM),various monitoring systems at control centres during power outage.

The NBS units are provided by M/S Efacec, supplied by M/S ABB INDIA LTD (OEM).NBS system designed to provide back-up power for long duration during power outage.

The NBS was commissioned and operational from 23.05.2017.

Considering the requirement of continuous availability and to have uninterrupted power supply to the system necessary periodic preventive maintenance is to carried out for 120KVA NBS, it is proposed to have an annual maintenance contract for the period of one year.

4. SCOPE OF WORK

The scope of work includes comprehensive preventive maintenance & corrective/Replacement work on occurrence of breakdown of 120 KVA NBS Uninterruptable power supply (UPS) as detailed below.

a) All the spares annexed in Annexure A of ITB clause shall be replaced at free of cost under comprehensive maintenance for a period of One year at BICC-1 and BICC-2 centers at HSR layout and Rajajinagar.

b) Contractor shall provide Round the clock access to the technical support on phone lines.

c) The response time shall be 4 hour from the call time.

d) The contractor shall provide genuine parts only for replacement if any.

e) No of visits-4 regular preventive maintenance in a year.

f) Breakdown maintenance -4Nos

During preventive maintenance the following checks shall be carried out.

a) Checking the status and function of UPS and batteries.

b) Visual inspection of UPS and Batteries (dust, mechanical damages) and of screws and cable connections.

c) Checking of air ventilation and room temperature.

d) Checking the operation and function (communications, remote Monitoring and signalling)

e) Measurement of current, voltage and frequencies

f) Measure and record the current load conditions.

h) Check the load sharing (only in parallel systems).

i) Timely advice on available technical upgrades.

j) It is the responsibility of the contractor to carry out the preventive maintenance in such a way as to avoid break down to the working critical systems.

k) Deep Battery test.

i) Battery voltage check.

j) Battery discharge test.

The battery testing can be carried out independently of the operation mode and whether or not the load is connected .The battery maintenance shall be done by authorized service partner .Timely advice on available technical upgrades and replacement of failed batteries shall be provided.

Breakdown maintenance

Breakdown maintenance is earmarked to attend the critical defects .The contractor shall respond by sending qualified service engineer within 4 hours from the call time and to attend the fault, replace the defective parts with good ones so that the equipment is in healthy working condition.

The CAMC would be comprehensive in nature i.e. including maintenance of equipments & replacement of defective spares to be done with new original spares in original packing for proper functioning of 120kVA NBS UPS as per Annexure- A installed at BICC-1,HSR Layout and BICC-2,Rajajinagar. If any part gives repeated problems i.e. 2 or more repairs in a period of two months time, then the contractor must replace it immediately with an original new one without any additional cost on the part of BESCOM. It will also cover damage and burning of any part of the systems. All the components required to be replaced will be of original make(OEM) only.

5. PERIOD OF CONTRACT

The Contract period is for one year and extendable for one more year on mutual consent based on the satisfactory performance of the firm.

6. COST OF BIDDING

The Bidder shall bear all costs and expenses associated with preparation and submission of its bid including post-bid discussions, Techno - Commercial and other presentations etc., and BESCOM will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

7. QUALIFYING REQUIREMENTS

TECHNICAL REQUIREMENTS		
Sl. No.	**Pre-Qualifying Requirements (PQR)**	**Documents to be uploaded.**

1	The bidder shall be a registered sole proprietorship firm or registered & unregistered under partnership Act 1932 or a company incorporated under companies Act 1956/2013 incorporated under partnership act and companies Act 1956/2013	Bidder shall upload Certificate of Incorporation in case of Registered Company/ Partnership deed in case of Partnership Firm/proprietorship registration certificate/GST registration certificate in case proprietor ship firm.
2	The bidder shall be the OEM /authorized service provider of Power wave 33 S3 120KVA NBS.	Bidder shall upload a copy of valid SSI Certificate/Industrial license/UDYAM registration MSME or any other relevant document. In case authorized service provider, Authorization letter issued by OEM for supply and maintenance of NBS shall be uploaded
3	The bidder (OEM/authorized service provider) should have Supplied /carried out at least one Annual Maintenance Contract for Power wave 120KVA or above NBS during the last five years from 2018-19, 2019-2020, 2020-2021, 2021-2022 and 2022-23 in any of the Central/State Government, Undertaking Electrical Utility, Government bodies / Public /Private sector. The value of such work not less than 90% of Estimated value of the contract Note: Updated to the FY in which the tenders are invited. The value of the completed works shall be given a weightage of 10% per year to bring them to the price level of FY in which the tenders are invited.	Bidder shall upload PO or DWA from an officer not less than the rank of Executive Engineer or equivalent rank officials of Central/State Government, Undertaking Electrical Utility, Government bodies or Public sector.
4	The bidder (OEM/authorized service provider) should have successfully completed atleast one Annual Maintenance Contract completed for Power wave 120KVA or above NBS during the last five years i.e., 2018-19, 2019-20, 2020-21, 2021-22, 2022-23 in any of the Central/State Government, Undertaking Electrical Utility, Government bodies / Public /Private sector	Bidder shall upload Performance certificate or Work completion certificate issued from an officer not below the rank of Executive Engineer or equivalent rank officials of Central/State Government, Undertaking Electrical Utility, Government bodies or Public sector.
5	The bidder must have been ISO 9001:2015 certified for Supply/manufacturer/authorised service provider of UPS system.	Bidder shall upload ISO certificate.

6	The bidder must have functional office in the Bangalore city for which bidder/agency wants to participate.	Bidder shall upload notarized Self-declaration
FINANCIAL CAPABILITIES		
7	The Annual Turnover should not be less than TWO times the Amount Put To Tender in any two of preceding Five financial years viz., 2017-18, 2018-19, 2019-20, 2020-21& 2021-22	The bidder shall upload a certified copy of the audited annual account statement/balance sheet/Profit and Loss statement preceding five financial years viz., 2017-18, ,2018-19,2019-20, 2020-21& 2021-22.
8	The Liquid Assets as on 31.07.2023 or at later date before last date of submission of technical bid consisting of cash at bank + Term Deposits + availability of fund based credit facilities in any of the Nationalized bank or Scheduled Bank shall not be less than 25% of the amount put to tender. The cash at bank, bank deposits and fund based credit facilities as on 31.07.2023 or at later date before last date of submission of technical bid shall be supported by certificate issued by any scheduled/ nationalized bank duly indicating the sanctioned, utilized and balance on given date. (The bidder is having the bank accounts in multiple banks. The cash at bank, bank deposits and fund based credit facility for the bidder should on the same date for all the banks). In case of Fund based credit facility, the certificate issued by the scheduled/nationalised bank duly mentioning the sanctioning limits / funds.	The cash at bank, bank deposits and fund based credit facilities as on 31.07.2023 or at later date before last date of submission of technical bid shall be supported by certificate issued by any scheduled/ nationalized bank duly indicating the sanctioned, utilized and balance amount on given date. (The bidder is having the bank accounts in multiple banks, the documents issued by banks supporting cash at bank, bank deposits and fund based credit facility for the bidder, should on the same date for all the banks).
GENERAL REQUIREMENTS		

9	Even though the Tenderers meet the above criteria, they are subject to be disqualified if they have: a) Made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or b) Record of poor performance such as abandoning the services, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or c) Participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.; and/or d) Defaulted/short closed due to non-performance against the order placed by any Public Electrical Utility/Govt. utility.; and/or e) Black-Listed by any Public Electrical Utility/Govt.	Bidder shall upload notarized Self-declaration.
10	Litigation History: The Bidder should provide detailed information on any litigation or arbitration arising out of contracts completed or under execution by it over the preceding five years i.e. FY 2018-19, 2019-20, 2020-21, 2021-22 & 2022-23. A consistent history of awards involving litigation against the Bidder may result in rejection of Bid.	Bidder shall upload notarized Self-declaration
11	Any Bidder from a country which shares a land with India will be eligible to bid in this tender only if the Bidder is registered with the Competent Authority.	Bidder shall upload Registration certificate issued by the competent authority.
12	A certificate for having read the clauses is required to be submitted/uploaded by the Bidder separately in the following format: *I have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; I certify that*	Bidder shall upload notarized Self-declaration as per enclosed format specified.

	this Bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this Bidder fulfills all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority shall be attached.)	

8. ISSUE OF BID DOCUMENTS

Tender documents can be downloaded from e-procurement portal https://kppp.karnataka.gov.in. on or after 16:00Hrs of 19-12-2023 at free of cost, under login for contractors. The prospective bidders are advised to register their user ID, pass word, and Company ID from website https://kppp.karnataka.gov.in.

9. SUBMISSION OF BID DOCUMENTS

All the bid documents shall be submitted through e-procurement portal on or before last date of bid .The bids shall be evaluated and successful bidders shall be awarded the subject contract.

a. Bids must be electronically submitted (on-line through internet) within the date and time published in e-procurement portal.

b. Any clarifications regarding the scope of contract of the project can be had from the undersigned during office hours.

c. Any clarifications about e-payment contact e-procurement help desk +91-8046010000, +91-8068948777 for e-mail to support@eprochelpdesk.com for any issue.

d. For clarifications regarding the scope of contract of the bid enquiry can

Contact : General Manager(DAS,TIC&SG) - Email: gmdas@bescom.co.in

e. BESCOM reserves the right to cancel the bid process or reject all bids without assigning any reason thereof and will bear no liability whatsoever consequent upon such a decision.

TENDER PROCESSING FEE:

The eligible bidders who wish to participate in the tender shall have to pay the non-refundable tender processing fee as specified in the e-procurement portal https://kppp.karnataka.gov.in.

10. EARNEST MONEY DEPOSIT (BID GUARANTEE):

a) Tender processing Fee means the non-refundable fee specified by the competent authority (e-Governance) to be paid by the individual Bidder for participation in tenders floated on the Karnataka Public procurement portal.t**he bidders shall pay EMD of Rs. 46610/- (Rupees Forty six Thousand Six Hundred ten Only)through e-mode payment only**, via any of the payment modes mentioned in the e-procurement portal https://kppp.karnataka.gov.in.

a) Earnest money deposit will be returned to the unsuccessful bidders as soon as the tenders are finalised.

b) The EMD of the successful bidder will be refunded after fulfilment of the security deposit clause. The EMD shall not carry any interest.

c) Permanent EMD holders (if any) for Turnkey Projects with BESCOM are **Not exempted** from furnishing the EMD. **PEMD HOLDERS SHOULD ALSO FURNISH EMD.**

Note: In e-Procurement Portal Contractor has the option of withdrawing the Bid by digitally signing to withdraw/cancel bid before the bid submission time /Date.

11. EMD FORFEITURE

a) The bid guarantee may be forfeited:

- If a Bidder withdraws/modifies its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- If a Bidder does not accept the corrections to arithmetical errors identified during preliminary evaluation of his bid pursuant to Clause 27 and Clause 29 or
- In case of a successful Bidder, if the Bidder fails to sign the Contract; or
- In case of a successful Bidder, if the Bidder fails to furnish the Performance Guarantee.

b) The EMD shall be submitted along with the bid through e-procurement portal.

c) No interest shall be payable by owner on the above EMD.

Sd/-
General Manager,
(DAS, TIC &SG) BESCOM